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# PATENT ABSTRACTS OF JAPAN

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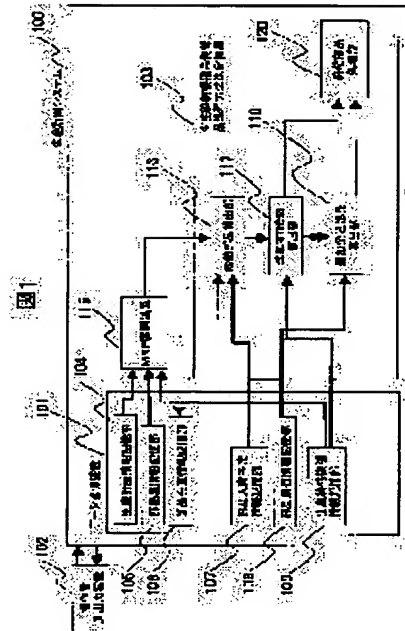
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## (54) PRODUCTION PLANNING SYSTEM

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a production planning system capable of minimizing the loss due to surplus components.

**SOLUTION:** The following processing is executed by referring to data stored in a data storage device 101. An MRP development device 115 develops the required quantity of materials for products planned to be produced. An end component calculation part 116 clarifies surplus components. A means 117 for calculating the number of machines capable of producing products calculates the number of end machines allowed to be produced by using these surplus components. An additionally ordered component calculation part 118 calculates an additional order amount to be the amount of components to be additionally ordered correspondingly to the number of end machines to be produced. An end component processing part 120 prepares the production planning production end machines from the number of machines allowed to be produced and the additional order amount so that the additional order amount is minimized.



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